

HRUSHIKESH PAPPURI

hrushikeshpappuri@gmail.com | (919) 999-0680 | [LinkedIn](#) | [Portfolio](#)

EDUCATION

- Masters in Computer Science - University of North Carolina at Charlotte** | 3.8/4.0 **Aug '22 - Dec '23**
Concentration: Artificial Intelligence, Robotics & Gaming
- Bachelors in Computer Science - University of North Carolina at Charlotte** | 3.2/4.0 **Jul '18 - May '22**
Concentration: Artificial Intelligence, Robotics & Gaming

PROFESSIONAL EXPERIENCE

- Software Engineer, Cesta Inc (CloudCosmos)** | Cary, NC **Apr '26 - Present**
Skills – Python, FastAPI, Claude API (Anthropic), Prompt Engineering, TypeScript, VS Code Extension API, Git
- Architected a prompt engineering system using structured markdown rule sets to enforce consistent AI output format and deterministic results across pipeline runs.
 - Built a VS Code extension in TypeScript implementing a multi-agent AI architecture with the Claude API (Anthropic) to automate end-to-end codebase migrations spanning planning, code conversion, containerized builds, and automated testing.
 - Packaged the VS Code extension and backend into a single installable .exe and .dmg, enabling one-click demo setup across Windows and macOS without manual configuration.
- Full Stack Developer, Cesta Inc (Softsellr project)** | Cary, NC **Mar '25 - Dec '25**
Skills – Angular, Spring Boot, PostgreSQL, AWS SES, Liquibase, Jenkins, Java, TypeScript, REST APIs, Git, CI/CD
- Architected 10+ component-based UI features using Angular, integrating Spring Boot APIs for alliance onboarding, company search, and email workflows.
 - Built scalable REST APIs and backend logic to manage 10K+ user records and automate data workflows on AWS; integrated Lambda and S3 for event-driven processing and Glue for ETL-style data transformations with validation and monitoring.
 - Designed and implemented user-facing workflows with consistent UI behavior across dynamic data states and edge cases.
- Technical Associate, National Rural Electric Cooperative Association (NRECA)** | ARL, VA **Feb '23 - Dec '24**
Skills – Jira, Postman, GitHub Actions, Docker, PowerShell
- Automated 1,000+ user deactivations across Jira, Confluence, TeamCity, and ServiceNow using scalable PowerShell scripts, reducing manual effort by 95%.
 - Built and maintained GitHub Actions pipelines with Pester tests for CI/CD automation
 - Streamlined API testing and release validation by automating Postman test runs and Docker artifact deployment to Artifactory.
 - Supported on Jira and ServiceNow admin responsibilities, optimizing workflows, access control, and user management.

PROJECTS

- Legacy Codebase Migration Tool** | TypeScript, Python, Claude API, Docker, VS Code Extension API **Apr '26**
- Built a multi-agent AI pipeline that automates full codebase migrations from legacy languages to modern stacks covering planning, code conversion, containerized builds, and automated testing.
 - Designed a remote session architecture enabling the VS Code extension to orchestrate AI agents on a backend server while executing Docker and test commands securely on the user's local machine.
- PowerShell User Deactivation Automation** | PowerShell, GitHub, TeamCity **Dec '24**
- Built reusable cmdlets for user deactivation and integrated them into CI/CD pipelines with test automation
 - Implemented CI/CD pipelines using GitHub and TeamCity to run Pester tests ensuring reliability and correctness.

CERTIFICATIONS

- EduBot Naija AI Chatbot Pilot Project – A+CTT & Triangle Advisor Group LLC** **Dec '25**
[Verified Credential](#)
- Developed and evaluated a prototype AI chatbot translating course curriculum into three Nigerian national languages; collaborated globally on testing, validation, and feedback reporting.
- Oracle Cloud Infrastructure 2025 Certified Generative AI Professional - Oracle** **Aug '25**
[Verified Credential on Oracle](#)
- Demonstrated understanding of Large Language Models (LLMs) and data pipeline integration using OCI Generative AI Service to build a Retrieval-Augmented Generation (RAG) chatbot with AWS-based data ingestion.
- AWS Academy Data Analytics – Amazon Web Services** **Apr '23**
[Verified Credential on Credly](#)
- Demonstrated data pipeline design using S3, Redshift, and QuickSight in real-time analytics scenarios.

TECHNICAL SKILLS

Programming: Python, Java, TypeScript, SQL, PowerShell, JavaScript

Frontend/UI: Angular, React, Next.js, HTML/CSS, TypeScript, TailwindCSS

Backend: Spring Boot, Go, FastAPI, Serverless (Next.js)

Database: PostgreSQL, Snowflake, Supabase

Cloud & Tools: AWS (SES, S3, Lambda, Glue, CloudWatch), Postman, Swagger, Postman, Docker, Artifactory, VS Code Extension API

Libraries/Frameworks: scikit-learn, PyTorch, Pandas, NumPy, PyTest, Claude API (Anthropic), Markdown-based Prompt Architecture